L Number	Hits	Search Text	DB	Time stamp
1	6990	(nozzle\$1 or orifice\$1) and (quantit\$4 or	USPAT;	2004/04/09 08:46
		amount) and (speed\$1) and (piezoelectric\$1	US-PGPUB;	
		or piezo-electric\$1 or transducer\$1) and	EPO; JPO;	
		voltage\$1	DERWENT	
2	89446	((nozzle\$1 or orifice\$1) or	USPAT;	2004/04/09 08:46
		(piezoelectric\$1 or piezo-electric\$1 or	US-PGPUB;	
		transducer\$1)) same (group\$1 or block\$1)	EPO; JPO;	
			DERWENT	
. 3	2235		USPAT;	2004/04/09 08:48
		amount) and (speed\$1) and (piezoelectric\$1	US-PGPUB;	
		or piezo-electric\$1 or transducer\$1) and	EPO; JPO;	
		voltage\$1) and (((nozzle\$1 or orifice\$1)	DERWENT	
		or (piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1))		
4	4237	((nozzle\$1 or orifice\$1) and (quantit\$4 or	USPAT;	2004/04/09 08:48
		amount) and (speed\$1) and (piezoelectric\$1	US-PGPUB;	
		or piezo-electric\$1 or transducer\$1) and	EPO; JPO;	
		voltage\$1) and ((quantit\$4 or volume\$1 or	DERWENT	
		amount\$1) same (discharg\$4 or drop\$6 or		
	1525	eject\$4))	HCDAT.	2004/04/09 08:50
5	1535	(((nozzle\$1 or orifice\$1) and (quantit\$4	USPAT; US-PGPUB;	2004/04/09 08:50
		or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or	EPO; JPO;	
		transducer\$1) and voltage\$1) and	DERWENT	
		(((nozzle\$1 or orifice\$1) or	DEKMEMI	
	-	(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)))		
l		and ((quantit\$4 or volume\$1 or amount\$1)		
		same (discharg\$4 or drop\$6 or eject\$4))		
6	94	((((nozzle\$1 or orifice\$1) and (quantit\$4	USPAT;	2004/04/09 08:49
~		or amount) and (speed\$1) and	US-PGPUB;	
		(piezoelectric\$1 or piezo-electric\$1 or	EPO; JPO;	
		transducer\$1) and voltage\$1) and	DERWENT	
		(((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)))		
		and ((quantit\$4 or volume\$1 or amount\$1)		
		same (discharg\$4 or drop\$6 or eject\$4)))		
		and (((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
	1	transducer\$1)) same (group\$1 or block\$1)		
		same (volatge\$1 or magnitude\$1 or		
		amplitude\$1))		0001/01/22 22 2
7	15	1 , , , , , , , , , , , , , , , , , , ,	USPAT;	2004/04/09 08:54
		or amount) and (speed\$1) and	US-PGPUB;	
	1	(piezoelectric\$1 or piezo-electric\$1 or	EPO; JPO;	
		transducer\$1) and voltage\$1) and	DERWENT	
	[(((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)))		
		and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4)))		
		and (((nozzle\$1 or orifice\$1) or		
		and (((nozzie\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)		
	1	same (volatge\$1 or magnitude\$1 or		
		amplitude\$1))) and ((impact\$4 or actual or		
*		land\$4) near3 position\$1)		
	L	Tandal meats hostitudal	1	J

	1			
8	79	(((((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and	USPAT; US-PGPUB;	2004/04/09 08:55
		(piezoelectric\$1 or piezo-electric\$1 or	EPO; JPO;	
		transducer\$1) and voltage\$1) and	DERWENT	
		(((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
,		transducer\$1)) same (group\$1 or block\$1)))		
		and ((quantit\$4 or volume\$1 or amount\$1)		
		same (discharg\$4 or drop\$6 or eject\$4)))		
		and (((nozzle\$1 or orifice\$1) or		- European and - 1000 - 100 -
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)		
		same (volatge\$1 or magnitude\$1 or		
		amplitude\$1))) not (((((nozzle\$1 or		
		orifice\$1) and (quantit\$4 or amount) and		
	1	(speed\$1) and (piezoelectric\$1 or		
	1	piezo-electric\$1 or transducer\$1) and		
		voltage\$1) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)))		
		and ((quantit\$4 or volume\$1 or amount\$1)		
	1	same (discharg\$4 or drop\$6 or eject\$4)))		
		and (((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)		
		same (volatge\$1 or magnitude\$1 or		
		amplitude\$1))) and ((impact\$4 or actual or		
1		land\$4) near3 position\$1))		
10	0	((((((nozzle\$1 or orifice\$1) and	USPAT;	2004/04/09 08:56
		(quantit\$4 or amount) and (speed\$1) and	US-PGPUB;	
		(piezoelectric\$1 or piezo-electric\$1 or	EPO; JPO;	
		transducer\$1) and voltage\$1) and	DERWENT	
		(((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)))		
		and ((quantit\$4 or volume\$1 or amount\$1)		
		same (discharg\$4 or drop\$6 or eject\$4)))		
		and (((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1)		
		same (volatge\$1 or magnitude\$1 or		
		amplitude\$1))) not (((((nozzle\$1 or		
		orifice\$1) and (quantit\$4 or amount) and		
		(speed\$1) and (piezoelectric\$1 or		
		piezo-electric\$1 or transducer\$1) and		1
		voltage\$1) and (((nozzle\$1 or orifice\$1)		
		or (piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)))	}	
		and ((quantit\$4 or volume\$1 or amount\$1)		
	1	<pre>same (discharg\$4 or drop\$6 or eject\$4)))</pre>	1	
		and (((nozzle\$1 or orifice\$1) or	1	
	1	(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)		
		same (volatge\$1 or magnitude\$1 or	1	
		amplitude\$1))) and ((impact\$4 or actual or	1	
	1	land\$4) near3 position\$1))) not speed\$1	L	

9	29	((((((nozzle\$1 or orifice\$1) and	USPAT;	2004/04/09 09:0
		(quantit\$4 or amount) and (speed\$1) and	US-PGPUB;	
		(piezoelectric\$1 or piezo-electric\$1 or	EPO; JPO;	
		transducer\$1) and voltage\$1) and	DERWENT	
		(((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)))		
		and ((quantit\$4 or volume\$1 or amount\$1)		
		same (discharg\$4 or drop\$6 or eject\$4)))		
and the same of		and (((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)		
		same (volatge\$1 or magnitude\$1 or		
		amplitude\$1))) not (((((nozzle\$1 or		
		orifice\$1) and (quantit\$4 or amount) and		
		(speed\$1) and (piezoelectric\$1 or		
		piezo-electric\$1 or transducer\$1) and		
		voltage\$1) and (((nozzle\$1 or orifice\$1)		
		or (piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)))		
		and ((quantit\$4 or volume\$1 or amount\$1)		
		same (discharg\$4 or drop\$6 or eject\$4)))		
		and (((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
	1	transducer\$1)) same (group\$1 or block\$1)		
		same (volatge\$1 or magnitude\$1 or		
		amplitude\$1))) and ((impact\$4 or actual or		
		land\$4) near3 position\$1))) not displac\$4		

11	50	((((((nozzle\$1 or orifice\$1) and	USPAT;	2004/04/09 09:08
		(quantit\$4 or amount) and (speed\$1) and	US-PGPUB;	
		(piezoelectric\$1 or piezo-electric\$1 or	EPO; JPO;	
		transducer\$1) and voltage\$1) and	DERWENT	
		(((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)))		
		and ((quantit\$4 or volume\$1 or amount\$1)		
		same (discharg\$4 or drop\$6 or eject\$4)))		
		and (((nozzle\$1 or orifice\$1) or	the man are the	
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)		
		same (volatge\$1 or magnitude\$1 or	•	
		amplitude\$1))) not (((((nozzle\$1 or		
		orifice\$1) and (quantit\$4 or amount) and		
		(speed\$1) and (piezoelectric\$1 or		
		piezo-electric\$1 or transducer\$1) and		
		voltage\$1) and (((nozzle\$1 or orifice\$1)		
		or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1)))		
		and ((quantit\$4 or volume\$1 or amount\$1)		
		same (discharg\$4 or drop\$6 or eject\$4)))		
		and (((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)		
		same (volatge\$1 or magnitude\$1 or		
		amplitude\$1))) and ((impact\$4 or actual or		
		land\$4) near3 position\$1))) not		
		(((((((nozzle\$1 or orifice\$1) and		
		(quantit\$4 or amount) and (speed\$1) and		
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1) and voltage\$1) and		
		(((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)))		
		and ((quantit\$4 or volume\$1 or amount\$1)		
		same (discharg\$4 or drop\$6 or eject\$4)))		
		and (((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)		
		same (volatge\$1 or magnitude\$1 or		
		amplitude\$1))) not (((((nozzle\$1 or		
		orifice\$1) and (quantit\$4 or amount) and		
			1	
		(speed\$1) and (piezoelectric\$1 or		
		piezo-electric\$1 or transducer\$1) and		
		voltage\$1) and (((nozzle\$1 or orifice\$1)		
		or (piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)))		
		and ((quantit\$4 or volume\$1 or amount\$1)		
		same (discharg\$4 or drop\$6 or eject\$4)))		
		and (((nozzle\$1 or orifice\$1) or		
		(piezoelectric\$1 or piezo-electric\$1 or		
		transducer\$1)) same (group\$1 or block\$1)		
		same (volatge\$1 or magnitude\$1 or	1	
		amplitude\$1))) and ((impact\$4 or actual or		
	i	<pre>land\$4) near3 position\$1))) not displac\$4)</pre>	1	